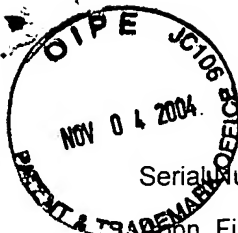


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## In the United States Patent and Trademark Office

Serial Number: 10/785,441 (Provisional Serial Number: 60/449,644)

Appn. Filed: 2004 February 23

Applicant(s): Ross C Willoughby, Edward W. Sheehan, & Carolyn A. Fries

Appn Title: Ion and charged particle source for production of thin films

Examiner/GAU: \_\_\_\_\_ / 2881

Mailed: 2004 Nov. 2

At: Pittsburgh, PA

### Information Disclosure Statement

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

Attached is a completed Form PTO/SB/08(B) and copies of the pertinent parts of the references cited thereon. The books:

- **Handbook of Contamination Control in Microelectronics. Principles, Applications, and Technology** by Tolliver (1988);
- **Handbook of Ion Beam Processing Technology. Principles, Deposition, Film Modification, and Synthesis** by Cuomo, Rossnagel and Kaufman (1989);  
and
- **Handbook of Plasma Processing. Fundamentals, Etching, and Surface Interactions** by Rossnagel, Cuomo, and Westwood (1990);

were not included because of their size and length.

Very Respectfully,

Applicant(s): \_\_\_\_\_

Enc.: PTO/SB/08(~~A~~B) & References

c/o: Ross C Willoughby, Edward W. Sheehan, and Carolyn A. Fries, Applicants Pro Se  
Chem-Space Associates, Inc.  
655 William Pitt Way  
Pittsburgh, PA 15238

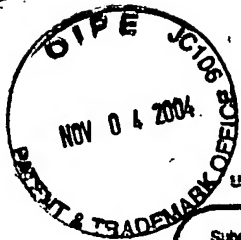
Telephone: 412-826-3013

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Date: 2004 Nov 2

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Approved for use through 06/30/2007. GPO 2007-0-0007

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Substitute for form 1449B/PTO		Complete if Known			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	107785,441		
		Filing Date	2004 February 23		
		First Named Inventor	Ross C Willoughby		
		Art Unit	2881		
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T*
		Morozova, T.Y., et al. "Electrospray deposition as a method for mass fabrication of mono- and multicomponent microrarrays of biological and biologically active substances," Anal. Chem. 71, pages 3110-3117, 1999.	
		Vanhousden, K., et al. "Direct printing of interconnect materials for organic electronics," IMAPS Advanced technology Workshop on printing an intelligent future, March 8-10, 2002 (abstract).	
		Aernouts, T., et al. "Incorporating printing technology into the production of large scale organic solar cells," IMAPS Advanced technology Workshop on printing an intelligent future, March 8-10, 2002 (abstract).	
		Lawrence, D., et al. "Physical considerations for the application of complex materials using conventional printing processes: Ink formulation in a new era," IMAPS Advanced technology Workshop on printing an intelligent future, March 8-10, 2002 (abstract).	
		Creagh, L.T., et al. "Piezoelectric ink jet and organic electronic materials," IMAPS Advanced technology Workshop on printing an intelligent future, March 8-10, 2002 (abstract).	
		Broilier, B.W., et al. "Printing methods and their possibilities," IMAPS Advanced technology Workshop on printing an intelligent future, March 8-10, 2002 (abstract).	

Examiner Signature	Date Considered
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\*Examiner Initials: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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